

390 Degrees To Be Conferred Tomorrow

JFK TAKES OFFICE AS 35TH U.S. PRESIDENT

Problems Reviewed By Ike

By The Associated Press
WASHINGTON — Smiling and confident, John F. Kennedy Thursday received an up-to-date rundown on World problems from President Eisenhower, who passed those problems to Kennedy today.

Later, the president-elect was briefed by Gen. Lyman L. Lemnitzer, the nation's top military man, on matters Kennedy will start handling as commander in chief. Lemnitzer said the conference involved nothing of an emergency nature.

Last Visit
In calling on Eisenhower, Kennedy entered the White House as a visitor for the last time for at least four years. By Friday night, the 43-year-old Massachusetts Democrat will occupy the president's oval-shaped office.

Looking sun-bronzed, fit and at ease, Kennedy was asked by reporters how he was bearing up under the preinauguration pressures and excitement.

Grimacing, Kennedy replied: "Very well, thank you. I'm feeling fine."

Somebody wanted to know if he was excited. "Interested," Kennedy replied laconically and with another grin.

Unlike their previous meeting on Dec. 6, there was no pomp in the Kennedy-Eisenhower conference.

The outgoing President and the man the voters chose to succeed him were alone for a while in the presidential office, already tripped of Eisenhower's personal knickknacks.

Later, they walked to the nearby Cabinet room and joined the Eisenhower administration's secretaries of state, defense and treasury and the Kennedy men who will take on their tasks.

Over-all, the discussions lasted more than two hours, and then the Eisenhower and Kennedy news secretaries issued a joint statement saying in part:

"The President and the president-elect met today for the second time since the election for a full discussion of the current world situation. During these discussions, the president-elect and the incoming Cabinet members who attended these meetings were brought up to date on a number of matters affecting the security of the United States.

"World areas under discussion included the Far East, Africa, (See KENNEDY on Page 3)



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AGGIES ON TV

Education Debate On Tap Sunday

Top debate teams from A&M and Lamar Technological College will clash on TV in Dallas Sunday afternoon. The teams will debate the question, "Resolved: that a program of federal aid to education should be enacted with funds to be administered by the several states," on a state-wide television network.

The Sinclair Refining Co., which sponsors the appearances, will donate \$1,000 to the winning school and \$500 to the losers.

Especially for TV

The debate will be carried on in a way devised especially for television, with the program being held in three stages. The first stage will be a short speech by each team member, telling why he favors or does not favor federal aid to education. In the second portion, the teams ask each other specific questions about what they have said. The last, or "battle royal" portion of the program is devoted to questions from members of the team seated in the audience. All in all, it is reportedly felt that this method of presenting the debate will be much more interesting to the television audience.

Competing for A&M and coached by Dr. Harrison Hierth, will be Donald Williamson of Denton and Dennis J. Shepps of Houston. Participating in the "battle royal" part of the debate will be Robert Denney of San Antonio and George Stengel of Garden City, Kan.

The winning school in this week's program will go on in the tournament and will meet Texas Christian University in the quarter finals Mar. 5, with the entire series ending in the Championship of the State.

From Lamar Tech will be Sue Hill and Robert King, coached by Arnold Anderson, assistant professor of speech. Representing Lamar in the "battle royal" will be Kathryn Williams and Frank Myers.

The program, "Young America Speaks," will be seen on these television stations Sunday afternoon: Abilene, KBRC (8); Amarillo,

KVII (7); Austin, KTBC (7); Beaumont, KFDM (6); Bryan, KBTX (3); Dallas, WFAA (8); Houston, KTRK (13); Lubbock, KDUB (13); Lufkin, KTRK (9); Sweetwater, KPAR (12); and Waco, KWTX (10).

The subject, federal aid to education, is one in which the team has taken great interest in the past few weeks in order to prepare for their appearance. When asked what he thought about the subject, Don Williamson, a senior on the team, said: "The program of federal aid proposed in the debate topic is not only clumsy and inequitable, but also unnecessary." Dennis Shepps, also on the team, had this to say: "Federal aid leads to federal control which would destroy our democratic education system."

When asked to comment on the appearance, Hierth, coach of the team, said: "This program provides an excellent opportunity for the young people of Texas to express their views. It also brings to the attention of the public the debate activity in Texas schools which many of us feel is a worthwhile part of our students' education."

The team will leave Saturday and will be guests of the Sinclair Refining Co. for their stay in Dallas. The program will be seen at 4 p.m. Sunday afternoon here.

'Project 24' Tops Projects Of Department

By TOMMY HOLBEIN

Dedicated to constant furtherance of knowledge in its special fields, the Department of Oceanography and Meteorology has been conducting many various research programs as A&M Research Foundation projects in the past year.

One of the more involved programs is "Project 24," which covers a wide range of studies related to the Gulf of Mexico and adjacent waters. Research currently being undertaken includes water mass analysis, analysis of data from a weather buoy anchored in the center of the Gulf, and studies in marine geophysics.

An aid to this research is a specialized winch which will tow instruments behind the ship for continuous recording down to a depth of some 900 feet. The level of support for this work is currently \$362,000 per year.

In July of 1957, the Department was designated as the International Geophysical Year World Data Center for oceanography, for the purpose of assembling all kinds of oceanographic data obtained during the IGY of July 1957-December 1958.

When the operations began as IGY work were continued as the International Geophysical Cooperation in 1959, the center was retained to assemble the data obtained during that period and for an undetermined period following.

The different data received are catalogued, and copies are furnished as required to investigators (See 'PROJECT 24' on Page 3)



Let's Go To The Flick Roommate

Bobby Edmonds, electrical engineering major from Dallas who isn't bothered with finals because he's graduating Saturday, tries to entice his less-fortunate roommate into taking in a late show. Roommate Pat Patterson, also electrical engineering from Dallas, politely declines to study.

BEGINS IN FEBRUARY

Cochran Named Supervisor Of Kansas Research Project

Dr. Robert G. Cochran, Head of the Department of Nuclear Engineering, has been chosen by the nuclear division of Bendix Corp., to supervise initial startup of a new nuclear research reactor at the University of Kansas, sometime in late February.

The first hours of startup of a research reactor constitute a time when experienced technical consultants and other personnel are needed. When a new reactor is to be put into operation for the first time, a third party, designated the "old pro" is usually engaged to supervise startup action. Usually terms of a contract between a university and reactor manufacturer specify that this startup phase be supervised by "... an unbiased third party having extensive experience..."

The University of Kansas reactor, at Lawrence, is one designed for research and educational training purposes. It is the first built at the University.

No Definite Date

Because of the nature of A.E.C. inspections that will be made before startup for the Kansas reactor, Cochran says no definite date in February has been set. He expects to be called to Lawrence, Kan., the reactor site, at a few hours notice prior to the beginning of operations.

Cochran, who came to A&M to head the state's first department of nuclear engineering, in September, 1959, was a member of the faculty of Pennsylvania State University from 1954. In 1956, he was placed in charge of design and construction of the research reactor operated by Penn State.

He was later made director of the research reactor and associate professor of nuclear engineering, with responsibility for training and developing staff members to operate the reactor facility, develop a reactor research program and teach nuclear engineering courses.

Subcommittee Chairman

A member of the American Physical Society and American Nuclear Society, Cochran is chairman of the National Research Council's subcommittee on research reactors. He has published some 30 technical articles on reactor development, and is a technical consultant for the Division of Licensing and Regulation, U.S. Atomic Energy Commission, and for the Department of the Army's

Watertown Arsenal, Technical Consultant for the U. S. Air Force, and for some industrial organizations.

He has assisted in development of nuclear reactor facilities at the Oakridge National Laboratory; Penn State; Industrial Reactor Laboratories, Inc., of Princeton, N. J.; Curtis-Wright Research Reactor at Quehana, Pa.; and the Watertown, Mass., Arsenal Research Reactor. He has done major consultant work for a number of classified A.E.C. installations.

He is also in charge of design for the large nuclear reactor center now under construction near Easterwood Airport—a regional facility that is to become operable this year.



Dr. R. G. Cochran
... research project supervisor

Ceremonies Begin Commencement

For some Aggies the day of many dreams is within grasp. Tomorrow will see diplomas and gold bars distributed at ceremonies to be held in G. Rollie White Coliseum.

Graduation rites are scheduled at 10 a. m. and commissioning is set for 1:30 p. m.

There are 390 candidates for degrees and 76 applicants for commissions. Degrees to be awarded include Doctorates, Master of Agriculture, Master of Business Administration, Master of Education, Master of Engineering, Master of Science and Bachelor of Science.

Other degrees to be given are Bachelor of Arts and Bachelor of Business Administration.

There are 52 applicants for Army Reserve commission, 22 for Air Force Reserve commissions, two for Regular Army commissions, one for Naval Reserve and one for a Public Health Service commission.

Delivering the principal address at the graduation exercises will be Dr. John P. Newport, professor of philosophy and religion at Southwestern Baptist Theological Seminary in Fort Worth.

The invocation for the sheepskin-presenting ceremonies will be given by Cadet Lt. Col. Robert J. Laird of Dayton, Corps Chaplain.

Other Speakers

Other speakers at the graduation exercises will be William J. Lawson, member of the Board of Directors of the Texas A&M College System; M. T. Harrington, Chancellor of the A&M College System; and President Earl Rudder.

Rudder will introduce Newport and confer the degrees.

Cadet Lt. Col. Edward A. Todd, head yell leader, will lead the audience and graduates in singing the "Spirit of Aggieland," and Barney A. Stumbo, civilian chaplain will give the benediction.

Mrs. A. B. Medlen will be the organist for the ceremonies. She will play "March from Athalia" and "Marche Romaine."

Col. Jasper N. Bell, wing commander at James Connally Air Force Base at Waco, will be the main speaker at the commissioning rites.

Laird will give the invocation and Rudder will also speak at the commissioning exercises. Capt. Baxter T. Duncan, administration officer of the A&M AFROTC instructor detachment and Assistant Professor of Air Science, will administer the oath of office to the commission applicants.

Bell will present the commissions. Mrs. Harriet Guthrie will be the organist for the commissioning exercises.

Sea-Air Meeting Concludes In MSC

International authorities have been attending a panel meeting on Sea-Air Interaction of the National Academy of Sciences, which ended today on the campus. Dr. George Benton, Head of the Department of Mechanics, Johns Hopkins University, was chairman.

Members of the panel in addition to the chairman were Dr. R. B. Montgomery, Johns Hopkins University; Dr. Carl Eckart and Dr. Norris Rakestraw, Scripps Institution of Oceanography; Dr. Robert G. Fleagle, University of Washington; Dr. Herbert Riehl, Colorado State University and Dr. Dale F. Leipper, A&M.

Subject matter involved the interaction processes which may be studied at fixed point observation sites.

Buoys Surveyed

The use of offshore platforms and anchored buoys, together with the instrumentation which may be attached to them, were surveyed. One of the earliest anchored buoys in deep water was that placed in the middle of the Gulf of Mexico in a cooperative program involving the Bureau of Aeronautics, the Weather Bureau, Texas A&M College and the Office Naval Research.

Visitors participating in the meeting were Capt. Donald Stevens, geophysics research director, Air Force; John Sievers of the National Academy of Science; Dr. James Sharp, Southwest Research Institute; Dr. Robert Stewart, Iowa State University, and Dr. James

New York Plane Crash Takes Toll

By The Associated Press
NEW YORK—A Mexican DC3 jet airliner crashed in a snowstorm in residential Queens Thursday night. At least 40 of 97 passengers aboard escaped without injury.

Police earlier had reported there appeared to be no survivors, but those who escaped apparently had left the scene before the police arrived.

One passenger, Arthur Rosenberg, 46, of Queens, said he and a number of other passengers ran from the plane and that "then it blew up."

Rosenberg, who hitchhiked to his home nearby, said at least 20 persons walked away from the plane with him.

Just Taken Off
The four-engined plane had just taken off from Idlewild Airport for Mexico City.

"We took off, going along the runway at about 50 feet off the ground," Rosenberg told The Associated Press.

"All of a sudden I heard what seemed like a bump. It didn't sound normal to me. I told my wife, 'Put your head between your legs. I think we're going to crack up.'"

"The plane continued rolling. Then flames began to surround us on both sides."

"The plane cracked up on Rockaway Boulevard. We ran out and were about 50 yards from the plane. Then it blew up."

Within an hour after the crash, some passengers began arriving back at Idlewild.

"All of them got off without injury," said one. Another said "most of them" escaped.

World Wrap-Up

By The Associated Press

Castro Greets Kennedy With Charges

HAVANA—Fidel Castro's government greeted the incoming Kennedy administration with a new flurry of anti-American decrees and a triumphant announcement that six "Yankee invaders" were captured sailing into Havana harbor. The announcement Thursday said the latter came from an anti-Castro training camp in Florida and got lost on the way to join rebels in Pinar del Rio Province. The adventurers were handed over Thursday to a military tribunal which can sentence them to death.

GOP's Urged To Defeat Expansion

WASHINGTON—House Republicans called Thursday for defeat of a Democratic-backed plan to enlarge the House rules Committee with liberals friendly to President-elect John F. Kennedy's legislative program.

The GOP Policy Committee made a party issue of the plan by unanimously urging all House Republicans to oppose when it comes to a House vote, probably next week.

Bowles Proclaims Opposition To Reds

WASHINGTON—Chester Bowles Thursday proclaimed opposition to recognition of Red China and won swift approval from a Senate committee for his nomination as undersecretary of state.

Bowles moved through the hearing of the Senate Foreign Relations Committee with more ease than had been expected.

Crewmen Rescued From Tugboat

VICTORIA—The eight crewmen of the tugboat Point were rescued Thursday without getting their feet when the craft sank off Port O'Connor Coast Guard station.